



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 7,167,960
Issue Date: January 23, 2007
Appl. No. : 10/688,277 Confirmation No. 3784
Applicant : S. Kodama et al
Filed : October 17, 2003
Title : DIRECT ACCESS STORAGE SYSTEM WITH COMBINED BLOCK INTERFACE AND FILE INTERFACE ACCESS
TC/AU : 2188
Examiner : G.J. Portka
Docket No. : 274.43266PX1
Customer No.: 24956

Certificate
APR 02 2007
of Correction

Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION
APPLICANTS' MISTAKE (37 CFR §1.323)

Sir:

Enclosed is a completed Certificate of Correction form. Please issue a Certificate of Correction for the underscored material.

Pursuant to MPEP §1481, it is submitted that the mistake is either:

- (1) of a clerical nature,
- (2) of a typographical nature, or
- (3) a mistake of minor character.

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Patent No. 7,167,960
Certificate of Correction dated March 28, 2007

274.43266PX1

Furthermore, it is submitted that the correction does not involve changes which would:

- (1) constitute new matter, or
- (2) require reexamination.

Since the Certificate of Correction is necessitated by a mistake on the part of the Applicants, in accordance with 37 CFR §1.20(a) our Credit Card Payment Form in the amount of \$100.00 is attached in payment of the appropriate fee.

The Commissioner is hereby authorized to charge additional payment due or to credit any overpayment, to Deposit Account No. 50-1417.

Respectfully submitted,

MATTINGLY, STANGER, MALUR & BRUNDIDGE, P.C.

By _____
Shrinath Malur
Registration No. 34,663
(703) 684-1120

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,167,960
DATED : January 23, 2007
INVENTOR(S): S. Kodama et al

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

IN THE CLAIMS

Column 16, lines 19-51, claim 1 should read:

1. A storage system comprising:

a first interface configured to receive block-level I/O requests;

a second interface configured for file-level I/O requests;

a third interface configured for communication with another storage controller;

and

a data communication path suitable for data communication with a physical storage in order to exchange data with the physical storage in response to the block-level I/O requests and the file-level I/O requests,

wherein the block-level I/O requests are serviced by exchanging data with a first storage area of the physical storage and the file-level I/O requests are serviced by exchanging data with a second storage area of the physical storage,

wherein the first storage area is accessed as a first logical volume and the second storage area is accessed as a second logical volume,

wherein the first logical volume and the second logical volume define a consistency group,

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wherein data contained in the first logical volume and in the second logical volume can be communicated to the other storage controller in order to replicate the data to secondary storage accessible by the other storage controller,

wherein time consistency of write operations made to and between the first logical volume and the second logical volume is maintained at the secondary storage, and

wherein, upon receiving a split command directed to one of the first and second logical volumes, split processing is performed on both the first and second logical volumes.

Mailing Address of Sender:

MATTINGLY, STANGER, MALUR & Brundidge
1800 Diagonal Road, Suite 370
Alexandria, Virginia 22314

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No. of Additional copies

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